Blata®

MIDI QUADARD

EC Declaration Of Conformity

Manufacturer: **Blata, s r.o.**
Address: Prazska 9
678 01, Blansko
Czech Republic

Product: **Miniquad (4-wheel quadricycle)**
Model: **QUADARD**

The undersigned hereby declares, on behalf of BLATA, s.r.o., that the above-referenced product, to which this declaration relates, is in conformity with the provisions of:

Council Directive 98/37/EC of 22 June 1998 on the approximation of the laws of the Member States relating to machinery
and its amending directives

Council Directive 89/336/EEC of 3 May 1989 on the approximation of the laws of the Member States relating to Electromagnetic Compatibility (EMC)
and its amending directives

and that the product has been designed to comply with the relevant sections of the below referenced specifications:

ČSN EN ISO 12100-1:2004 (EN ISO 12100-1:2003)
ČSN EN ISO 12100-2:2004 (EN ISO 12100-2:2003)
ČSN EN 294:1993 (EN 294:1992)
ČSN EN 811:1998 (EN 811:1996)
ČSN EN 953:1998 (EN 953:1997)
ČSN EN 563:1996 including amendment A1:2000 (EN 563:1994)
ČSN EN 1050:2001 (EN 1050:1996)
ČSN EN 55 012:2002
ČSN EN ISO 3744:1995
ČSN EN ISO 11202:1997

BLANSKO 11 -04- 2006

BLATA, s.r.o.
Pražská 9
678 01 Blansko
Czech Republic

Pavel Blata
Managing Director

Noise emitted by machinery and equipment (Minibike BLATA QUADARD) - Measurement of emission sound pressure levels at a work station and at other specified positions. Levels measured by authorized person (TUV CZ s.r.o.). Test record (no. : 815/90/06/BT/IZ/H) is deposited with producer.

RPM	Average level of the acoustic pressure A at a work station (ČSN EN ISO 11202)	Total average level of the acoustic power (ČSN EN ISO 3744)
2600 rpm (idling speed)	L_{Aeq} = 79,6 dB	L_{WA} [dB (A)] = 86,6 dB
11 000 rpm	L_{Aeq} = 96,3 dB	L_{WA} [dB (A)] = 104,1 dB

QUADARD

INSTRUCTION MANUAL

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INTRODUCTION

Dear customer,

Thank you for purchasing this product manufactured by Blata. The proper care and maintenance that your Quadard requires is outlined in this manual. Following these instructions will ensure a long trouble-free operating life of the vehicle and your satisfaction with it.

PURPOSE OF USE

Quadard is designed to be driven on closed tracks with an even, smooth, and dust-free surface. This product is not designed to be used on public highways. Both adults and children can ride the vehicle (children only under the supervision of an adult / responsible person. This Product is not designed for rough terrain. Minibike Blata should not be used during winter season and under bad weather conditions. Usage under these conditions leads to abnormal mechanical wear and corrosion of most minibike parts - especially those directly exposed to climatic influences.
Beside that, riding under these conditions increase the risk of injury or health damage.
Quadard is equipped with a single-cylinder, two-stroke, petrol combustion engine with an air filter and exhaust silencer. The gear ratio can be modified by altering the sprocket sizes. The Quadard rear axle is equipped with a disk brake, controlled by the brake lever on the left hand side of handlebars.

SAFETY WARNING

This manual contains important safety information and instructions which should be read carefully before operating the vehicle. For your own safety and the safety of others follow these rules.
Neither manufacturer nor distributor is responsible for injuries caused by unsafe and improper use of the vehicle.

⚠ **This vehicle is not allowed to be used on public roads!**

⚠ **Unsafe and careless use of the vehicle can result in serious injuries. The driver can minimize the potential risks by wearing safety equipment. The driver must wear a safety helmet, goggles, gloves, elbow pads, kneepads, and firm footwear. Avoid rough surfaces and obstacles. Always drive with both hands on the handlebars.**

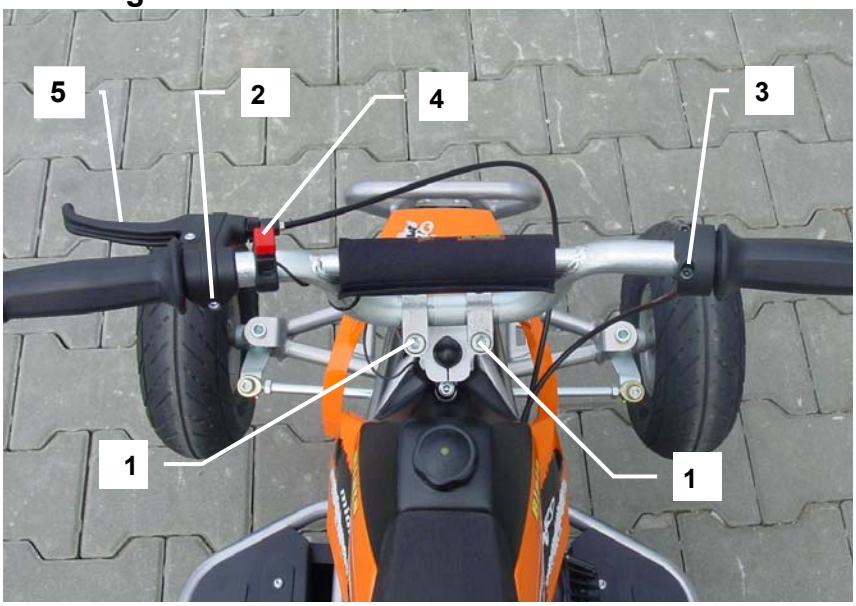
TECHNICAL SPECIFICATIONS

ENGINE		one cylinder; two-stroke; air-cooled
DISPLACEMENT		39,9 ccm
POWER OUTPUT		2,5 kW at 8 700 rpm
TORQUE		3,5 Nm at 6 000 rpm
CARBURETOR		Dell'Orto 14
IGNITION		Contact-less
STARTING		Manual – hand pull type
CLUTCH		Centrifugal automatic
FRAME		welded high-strength steel tubes
BRAKE		rear disk – disk diameter 119 mm (4,7")
WHEEL RIMS	**front**	light alloy 4" - 51
	rear	light alloy 4" - 95
TYRES	**front**	3,00 – 4"
	rear	3,00 – 4"
FUEL		mixture of petrol (91 octane or higher) and synthetic oil 2T (mixing ratio 50 : 1) 100 millilitres of oil to 5 litres of petrol. {After running in period of 5 tanks of fuel at 30 : 1}
FUEL TANK CAPACITY		1 litre (0,26 US gal.)
WEIGHT		29 kg (63,8 lb.)
WEIGHT (incl. packing)		33 kg (72,6 lb.)
CARRYING CAPACITY		95 kg (209 lb.)
DIMENSIONS	**length**	1 010 mm (39,7")
	width	590 mm (23,2")
	height	630 mm (24,8")
BOX PACKING DIMENSIONS	**length**	106,0 cm (41,3")
	width	62,0 cm (24,4")
	height	56,0 cm (22, 04")

UNPACKING AND SETTING UP BEFORE RIDING

Your Quadard is packed with folded handlebars and brake lever. After unpacking, set up the handlebars to a comfortable position. After setting-up the handlebars, tighten the handlebar bolts (M6), the brake lever bolt, and the throttle grip bolt according to Fig.1. While tightening the bolts, do not use an excessive force. Overtightening the bolts may cause damage of the threads or other parts. Verify the smooth and free movement of both control cables (throttle and brake).

Fig. 1



Controls :

1. Handlebar bolts
2. Brake lever bolt
3. Throttle grip screw
4. Engine stop switch
5. Rear brake lever

BEFORE STARTING THE ENGINE

Engine and performance : It is important for the vehicle to be properly run in. The engine is considered properly run in after consuming five fuel tanks full of mixed petrol. During the running in period use a 30 : 1 pre mix 2-stroke synthetic oil.
(166 millilitres of oil to 5 litres of petrol)
Once the engine is run in (Five fuel tanks full) you can then change the mixture to 50:1 ratio.
(100 millilitres of oil to 5 litres of petrol)
Always mix your oil and petrol in a seperate container making sure it is mixed properly before filling the fuel tank.
During the running in period, do not use full throttle and do not allow the engine to overheat, otherwise you will damage your engine.
Check the tyre pressure which should not exceed 2,5 bar

⚠ **Always inspect the bike before each ride (refer to the article 'INSPECTION AND MAINTENANCE'). Failure to inspect and maintain your Quadard properly increases the risk of an accident or damage to the vehicle.**

ENGINE STARTING

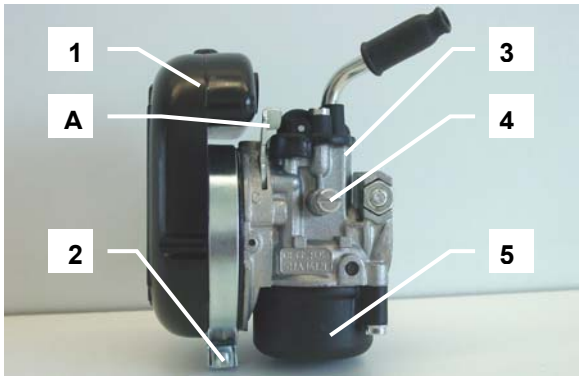
Fill the fuel tank with pre mix fuel and refit the fuel cap. Open the fuel cock , turning it to the position “ON”, Fig. 3. Set the choke to open (position “B“, Fig. 3). Without turning the throttle grip, gently pull the starter rope twice and then on the third pull, the engine should start, Fig. 2. **Do not pull the starter rope out completely!** After a short period , close the choke (position “A”). Let the engine run to normal operating temperature. and then If needed, adjust idle speed to tick over (use the adjusting screw on the carburetor, Fig. 3).

⚠ **Fuel and fuel vapour are highly toxic and flamable. Always be careful when handling fuel – it can burn or poison you.**

- **stop the engine and turn off the fuel tap, keep naked flames and sparks away from your bike.**
- **do not smoke near your bike.**
- **refuel only outdoors in a well ventilated space**
- **clean up any excess fuel immediately**
- **keep children and pets away**

Fig. 2: Starting

Fig. 3: Carburetor



1. Suction chamber
2. Sleeve screw
3. Carburetor body
4. Adjusting screw of no - load run
5. Float chamber
6. Fuel cock
A – choke lever for ride
B – choke lever for cold - starting

It is necessary to adhere to the following instructions for flange reassembling:
always use a new plastic ring 110.078.00 which is inserted into the flange! Tighten up the screw with torque 5 Nm.
Use of bigger torque can cause carburetor damage which is not covered by warranty!! Use of smaller torque can cause slackeing of the carburetor.

Check up the screw tightness after every 5 hours of riding!

RIDING

Sit on the vehicle and slowly twist the throttle to start moving forward. When riding the Quadard, keep in mind the rules applicable to riding four-wheel vehicles (sit on the front part of the seat; do not lean back; try to keep the load of your body as forward as possible)! Reduce speed accordingly when going around corners.
When braking, always reduce the throttle to the idle position whilst pressing the rear brake lever with the necessary force to stop the machine. Turn the engine off with the red button ('engine kill stop switch') on the handlebars. **Close the fuel cock after every ride!**
It is necessary to check the tightness of bolts and nuts, including the engine, and the brake settings, before and after every use.

⚠ **Always ride within the limits of vehicle/ rider and weather conditions to avoid unnecessary accidents and injuries.**

INSPECTION AND MAINTENANCE

Periodic maintenance check-ups are the best way to ensure premium condition of the vehicle, providing safety and economical running costs. Perform these services as listed below:

A - Before each ride:

- Check the rear brake cable and brake efficiency.
- Check the lubrication and tension of the chain. Any slack of the chain should be adjusted to 5 mm (0,2 in).
- After every ride clean your Quadard carefully and keep it clean. Do not use aggressive cleaning detergents.

B - Every 10 hours of riding:

- Check the tightness of all bolts and nuts**.** Tighten them with a torque wrench only! For torque figures see the table.
- Wash the air filter in petrol and lubricate it with air filter oil.
- Clean the carburetor float chamber carefully.
- Check the brake pads - the thickness of the brake lining must not be less than 1 mm (0.039 in). Review the basic brake adjustment.

C - Every 50 hours of riding:

- Check the state of the clutch pads - the thickness must not be less than 1 mm (0.039in).

⚠ **Check-ups**
Shut the engine off when performing maintenance check-ups otherwise You could be severely injured if your hands or clothing get caught by moving parts.

⚠ **Make sure the engine and exhaust are cold before performing any inspection of this machine**

DRIVE CHAIN ADJUSTMENT

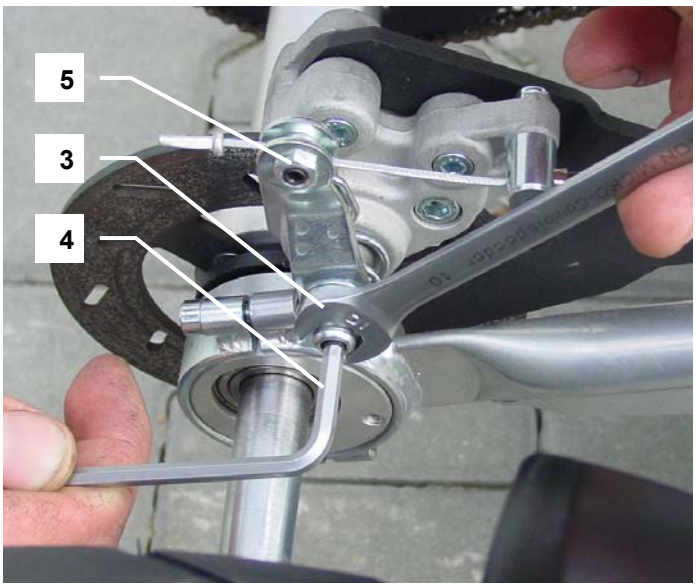
Loosen the bolts (M5) on the rear axle carrier also loosen (M6) bolt on the rear brake to allow for tensioning the chain, then adjust by moving the excentric disc on the axle, the drive chain slack should be 5 mm (0,2 in). making sure not to over tighten the chain. fasten the (M5) bolts on the axle carrier remembering to tighten the M6 bolt on the brake.
It is important to lubricate the chain regularly, to avoid excess wear. This will prolong the lifetime of the chain. it is important to lubricate the chain after every ride and especially in wet conditions. It is recommended to use a quality chain lubricant. If the chain needs replacement, then please also check the front and rear sprockets for wear, replace accordingly.

⚠ **Riding with a chain in poor condition or improperly adjusted can lead to serious injury. Always, Inspect, Adjust and Maintain the drive chain properly before each ride.**

CENTRIFUGAL CLUTCH SHOES REPLACEMENT

Remove the chain guard by loosening two bolts (M6)**.** Release the chain and dismantle it. Loosen the four bolts (M6) holding the cover of the clutch. Release the engine brace on the frame, and move to one side, remove the whole cover together with the clutch drum. Use a pair of pliers to draw off the clutch springs and loosen the pins holding the clutch shoes. Install new clutch shoes and springs (if required). To re-install the clutch assembly, reverse the sequence as described, and then re adjust the tension of the drive chain.

REAR BRAKE ADJUSTMENT (Fig. 4)



General adjustment:
The general brake adjustment can be made by turning the adjusting screw on the brake lever on the handlebars.
Basic brake adjustment:
Screw in the adjusting screw at the brake lever. Loosen the nut (no. 3), and tighten the adjusting bolt (no. 4), so the wheel cannot turn. Back off the bolt (no. 4) about ¼ to ½ of a turn and fix it with the lock nut (no.3).
Do not adjust the cable retainer (no. 5) for adjusting the brakes!

⚠ **Failure to inspect and properly maintain the brake increases the risk of having an accident. Before each ride check the rear brake cable and the brake efficiency.**

REAR BRAKE PADS REPLACEMENT (Fig. 7)

First, screw in the adjusting screw on the left brake lever on the handlebars. Loosen the nuts (M5 - 914.003.01) holding the brake body to the brake holder, and pull the brake body, rearward. **Do not loosen the cable retainer!** Remove the two distance bushes and the two threaded bushes from the brake body. Detach both halves of the brake caliper by screwing out the nuts (M6 – 914.010.01). Remove the worn brake pads 512.054.00.
Place the new brake pad with the pivot hole into the brake half with the control mechanism and fully screw out the adjusting bolt. Affix the other brake pad carefully into it's matching half. To re-install the brake assembly, reverse the sequence as described. Perform the brake adjustment.

⚠ **Riding with worn brake pads can reduce the braking performance and cause an accident. Check and replace brake pads according to the instructions in this manual.**

WHEEL REMOVAL (Fig. 14)

Screw off the front / rear axle nut (M10) and pull off the wheel. To re-install the wheel, reverse the sequence – install the wheel and tighten the axle nut (M10) securely.

TYRE CHANGE (Fig. 14)

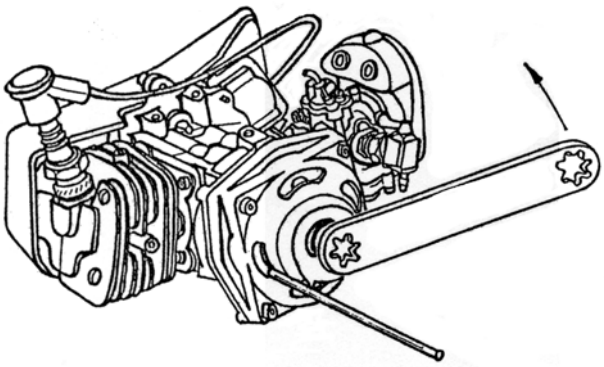
Remove the wheel (see above). deflate the inner tube. Detach both halves of the wheel rim by removing the 3 x M6 fixing bolts (M6-914.011.01). Then replace the tyre and / or inner tube. To re-assemble, reverse the above making sure not to trap the inner tube and locate the valve correctly also note the tyre direction. Inflate the tyre to a maximum of 2.5 bar.

⚠ **Using worn, improperly inflated, or incorrect tyres will reduce stability and can cause an accident.**

AIR FILTER CLEANING

Loosen the sleeve screw, no.2 (see Fig. 3) so you can remove the air filter cover, no.1. Now you have free acces to the filter. Remove the filter, clean it in petrol and lubricate it with engine oil. To re-install the filter, reverse the procedure above.

PINION REPLACEMENT (Fig. 5)



First, dismantle the chain guard. Then loosen the rear axle eccentric bolts and the rear brake reaction catcher. Remove the drive chain. Insert, carefully, a large screwdriver or steel rod into the clutch drum hole, to avoid the clutch drum turning when releasing the pinion (Fig. 5). Use a special pinion wrench (319.050.00) to replace the pinion.

FRONT AXLE ALIGNMENT

Front axle alignment is performed by adjusting the steering tie rod length. Loosen the nuts (M8) and dismantle the steering joint at both front wheels. Loosen the steering tie rod safety nut (M8) and by screwing the tie rod end in or out, adjust the length accordingly. The toe-in angle of the front wheels should be between 0° and 1°.

STORAGE PROCEDURE

If the vehicle is to be left unused for a period of time, it is recommended to drain out all the fuel from the fuel tank and carburetor. Inflate the tyres to the normal working pressure. Remove the spark plug, clean it, put a few drops of motor oil into the cylinder, pull the starter rope 2-3 times, so an oil film evenly coats the cylinder walls and piston. Re-install the spark plug.

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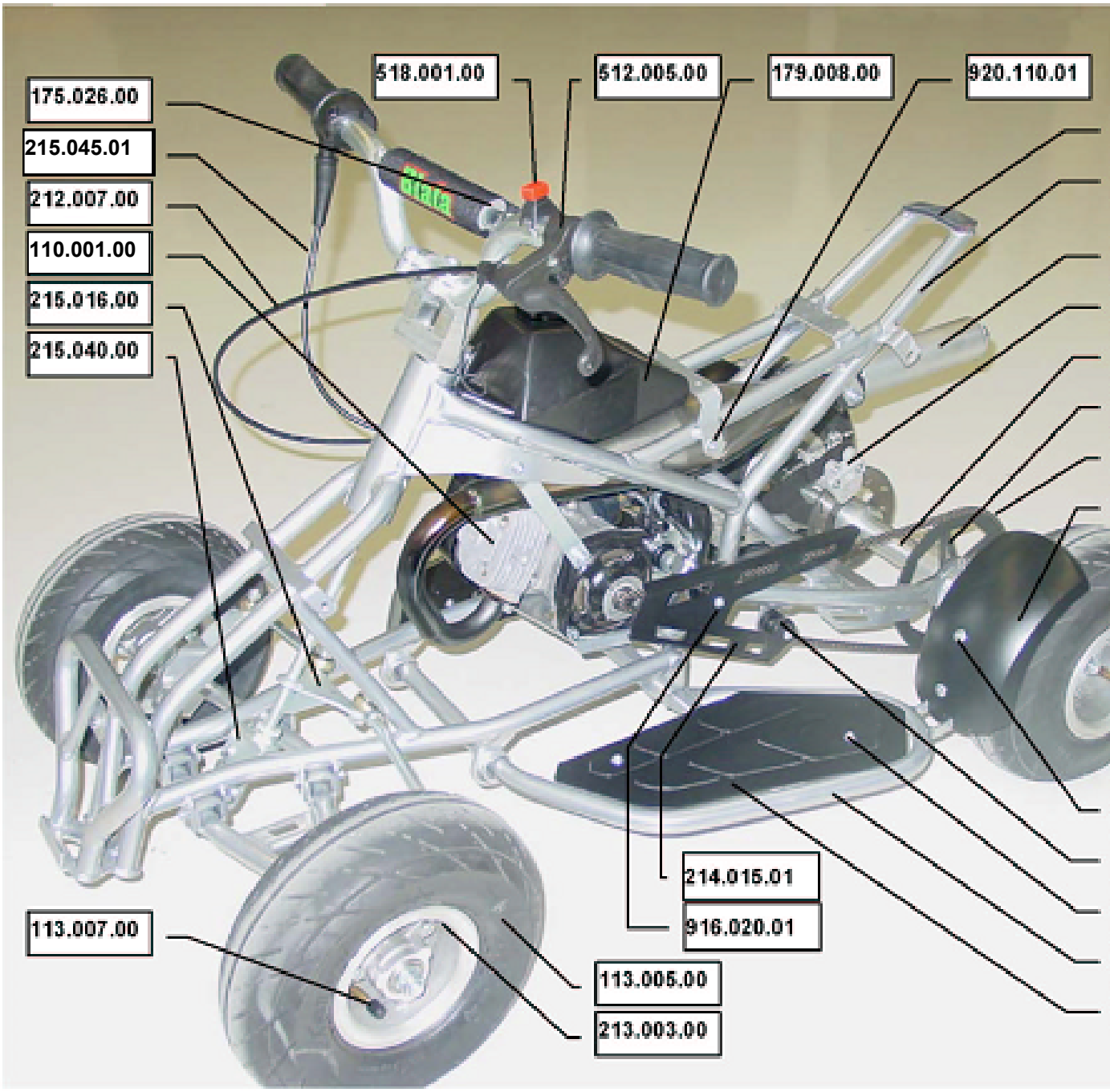
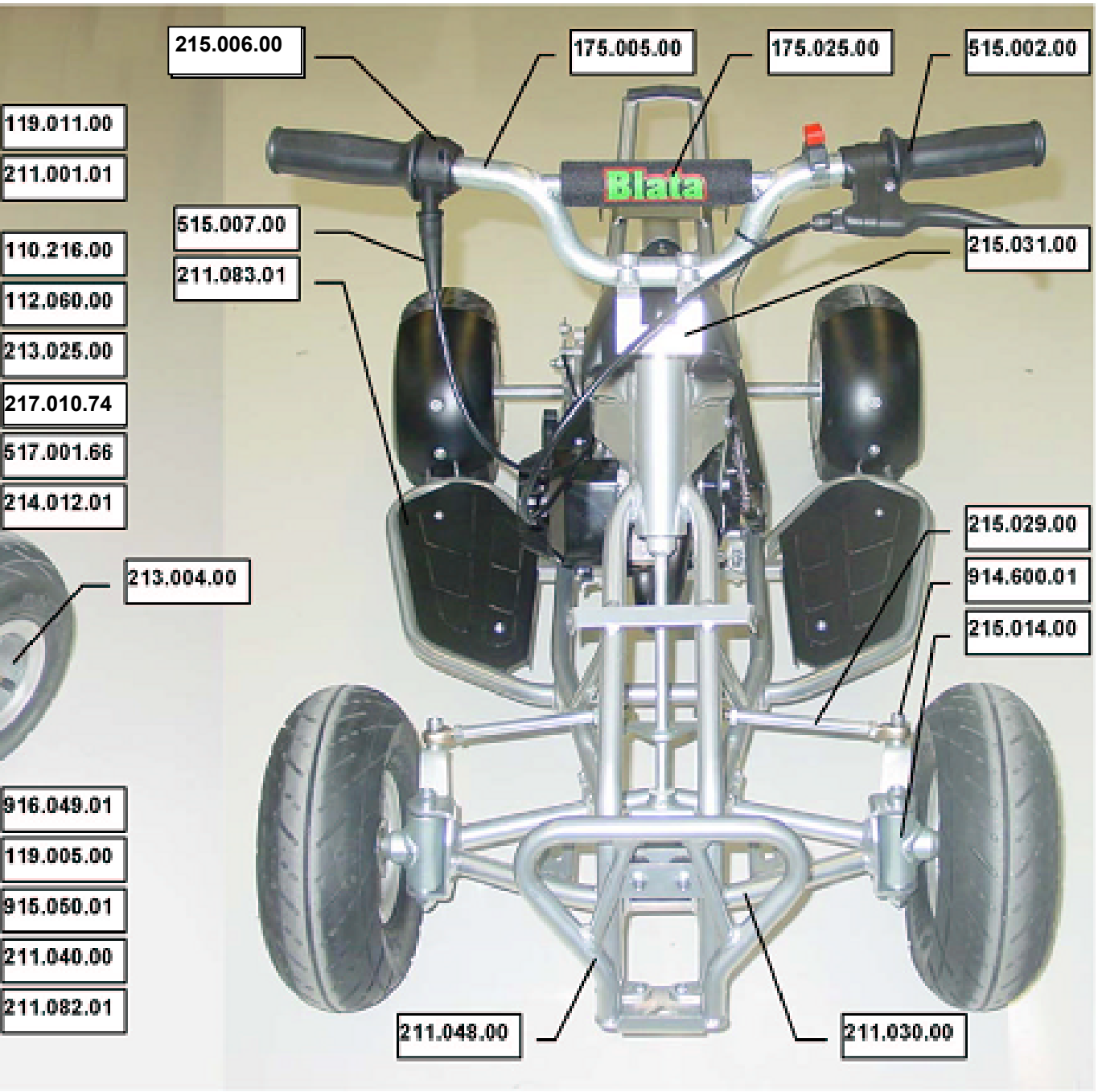


MIDI – QUADARD


215.006.00
175.005.00
175.025.00
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119.011.00
211.001.01
Blata
515.007.00
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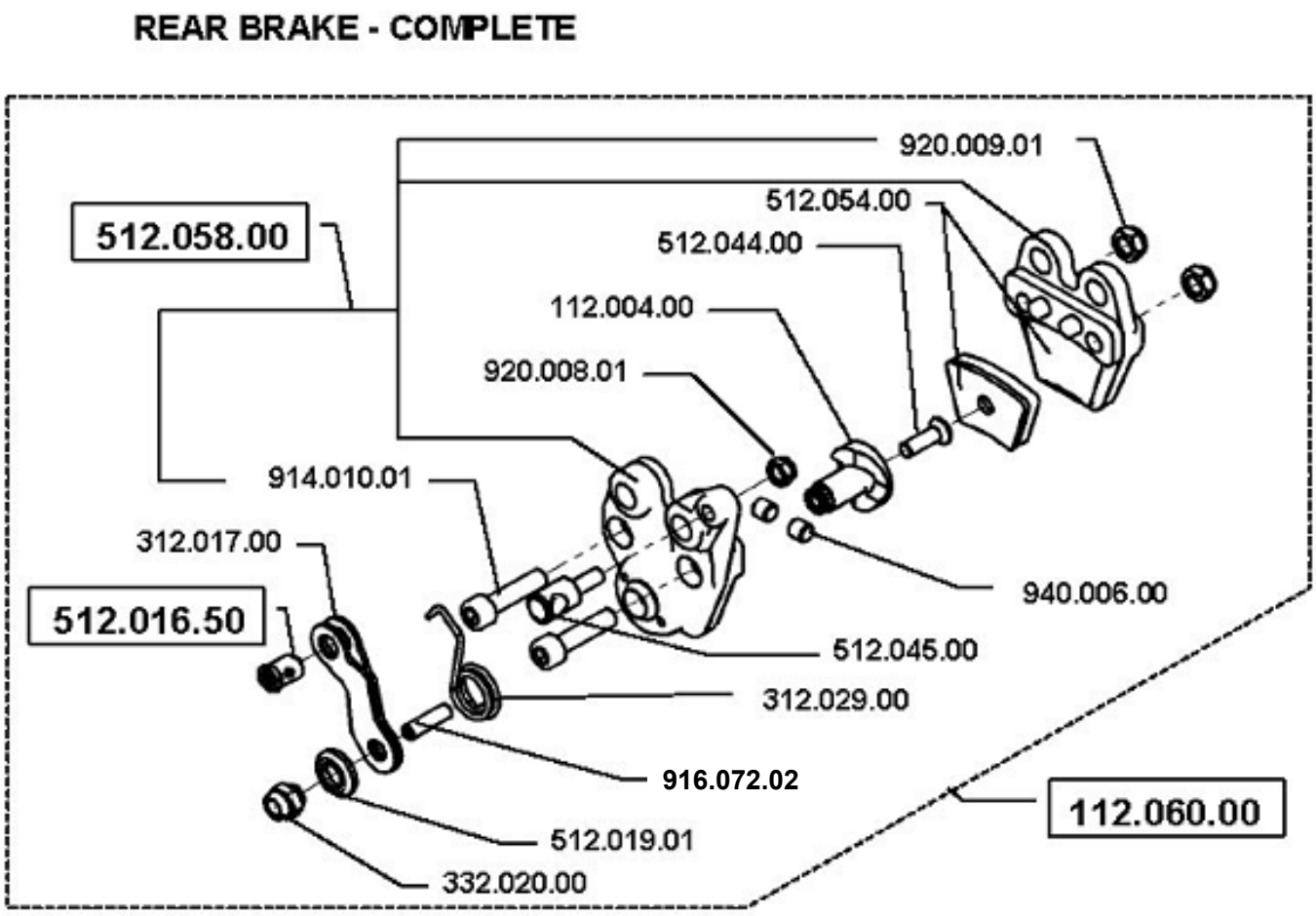
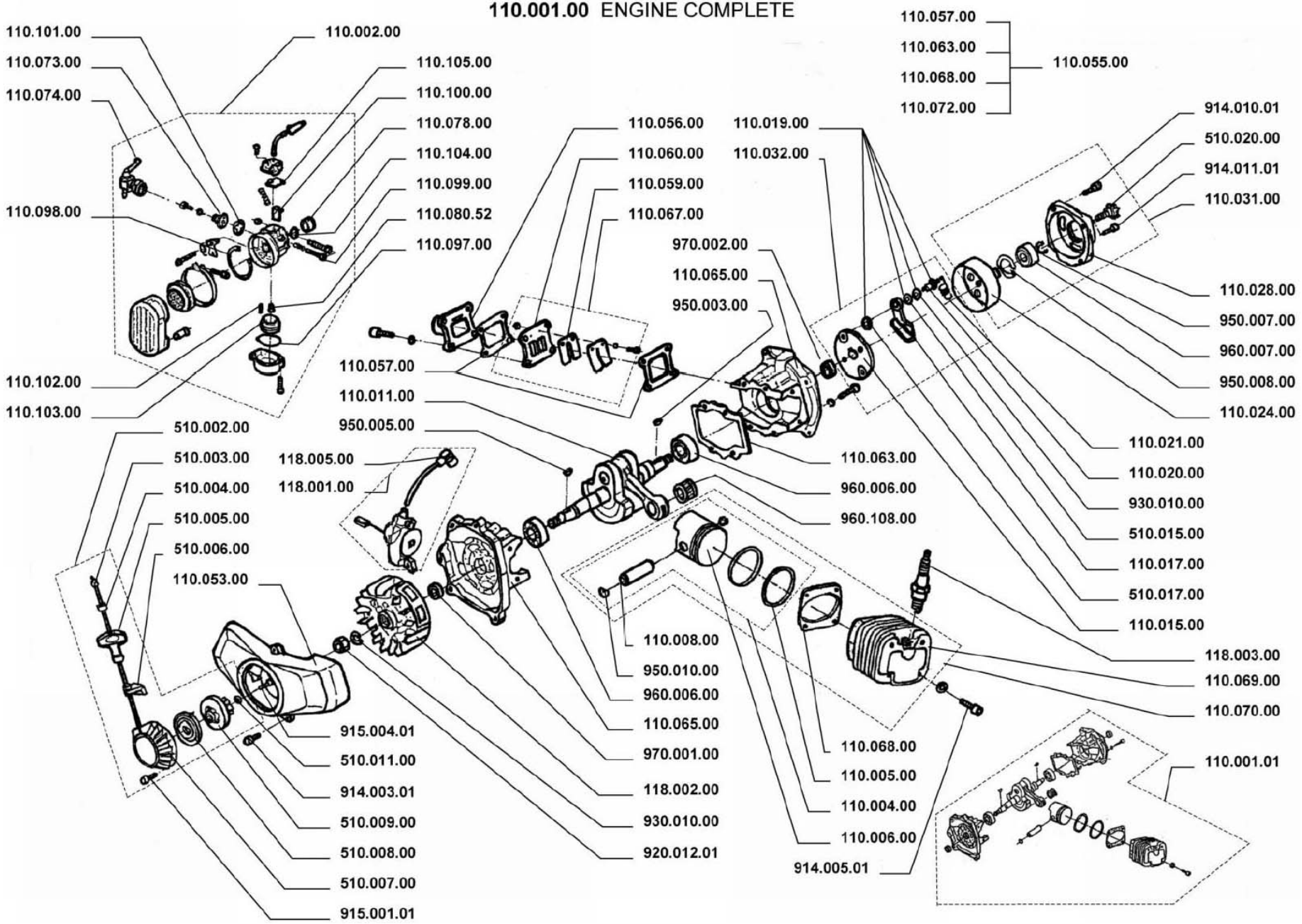
112.060.00
213.025.00
217.010.74
517.001.66
214.012.01
215.031.00
213.004.00
215.029.00
914.600.01
215.014.00
916.049.01
119.005.00
915.050.01
211.040.00
211.082.01
211.048.00
211.030.00

FIG.6

Fig. 7 – REAR BRAKE - assembly



110.001.00 ENGINE COMPLETE



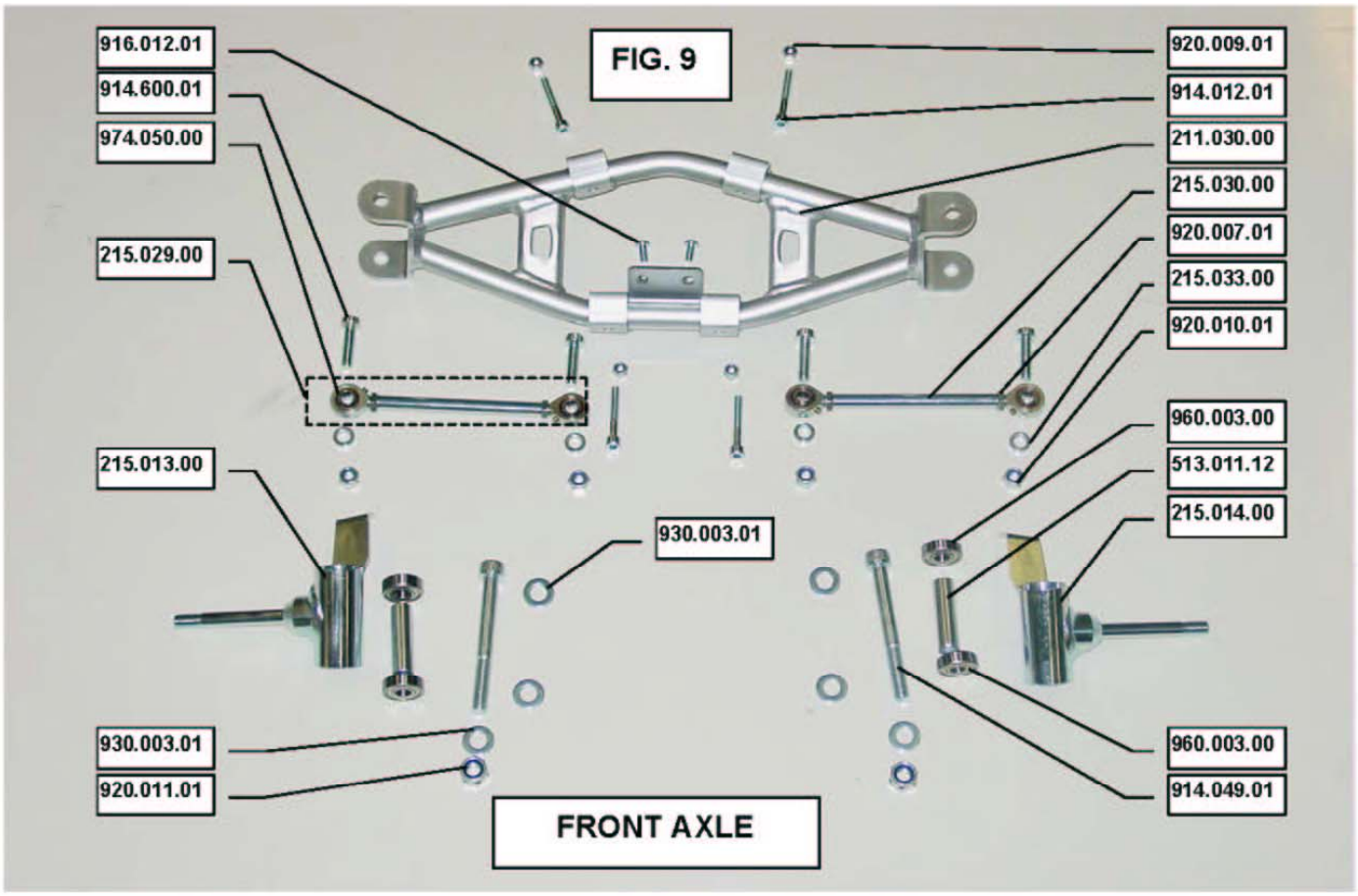


FIG. 9
916.012.01
914.600.01
974.050.00
215.029.00
215.013.00
930.003.01
930.003.01
920.011.01
920.009.01
914.012.01
211.030.00
215.030.00
920.007.01
215.033.00
920.010.01
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215.014.00
960.003.00
914.049.01
FRONT AXLE

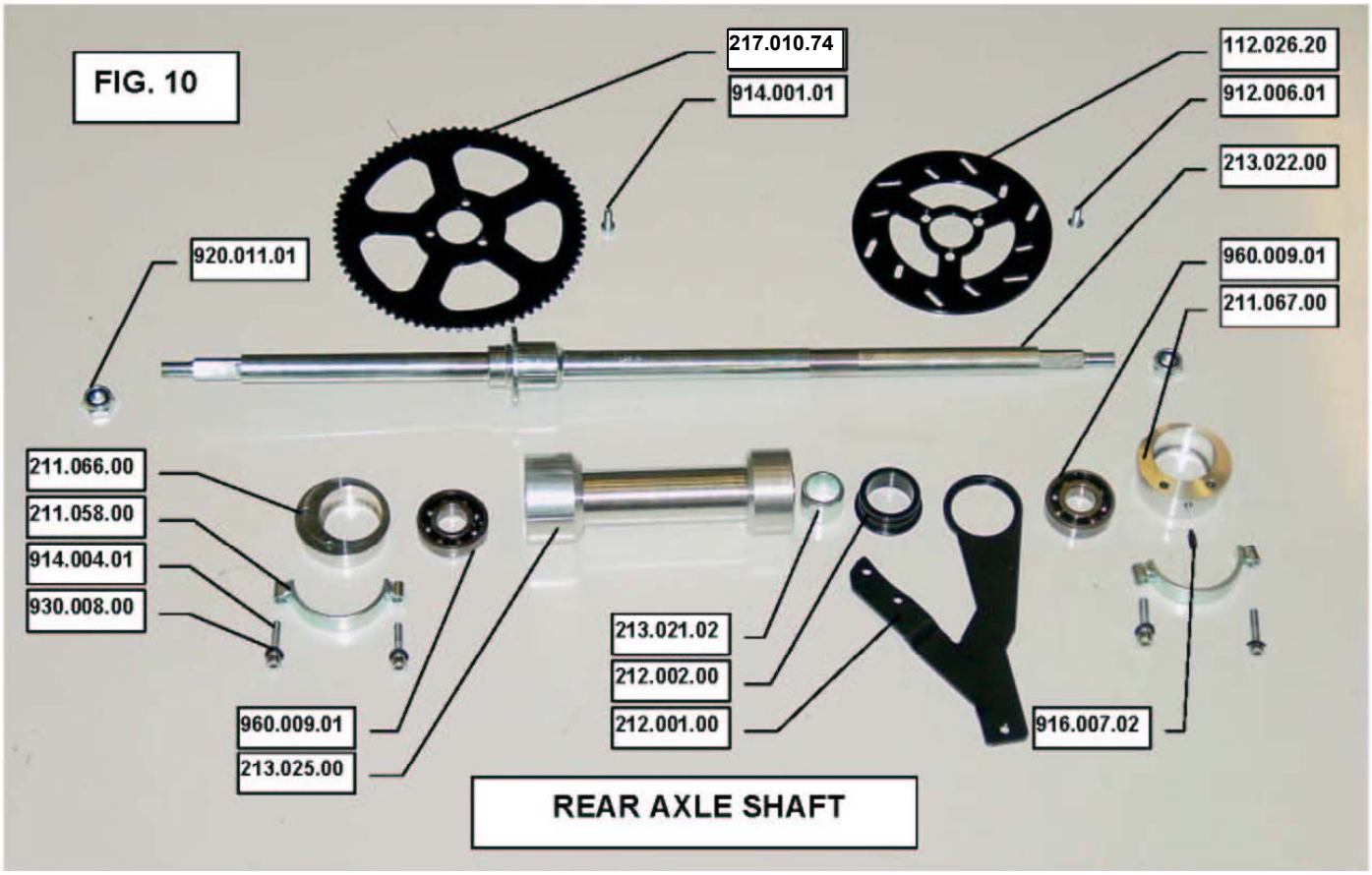
FIG. 10
217.010.74
914.001.01
920.011.01
211.066.00
211.058.00
914.004.01
930.008.00
960.009.01
213.025.00
213.021.02
212.002.00
212.001.00
112.026.20
912.006.01
213.022.00
960.009.01
211.067.00
916.007.02
REAR AXLE SHAFT

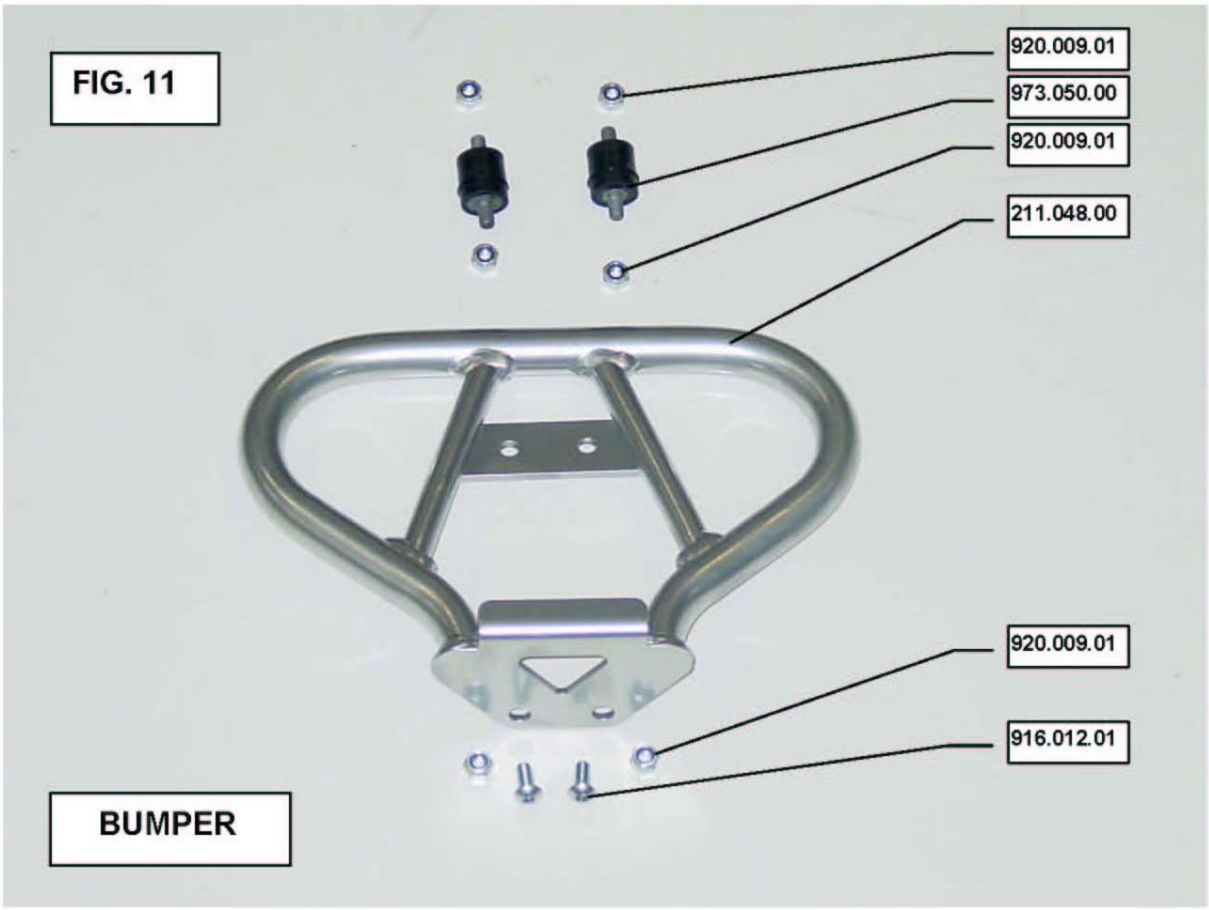
FIG. 11
920.009.01
973.050.00
920.009.01
211.048.00
920.009.01
916.012.01
BUMPER

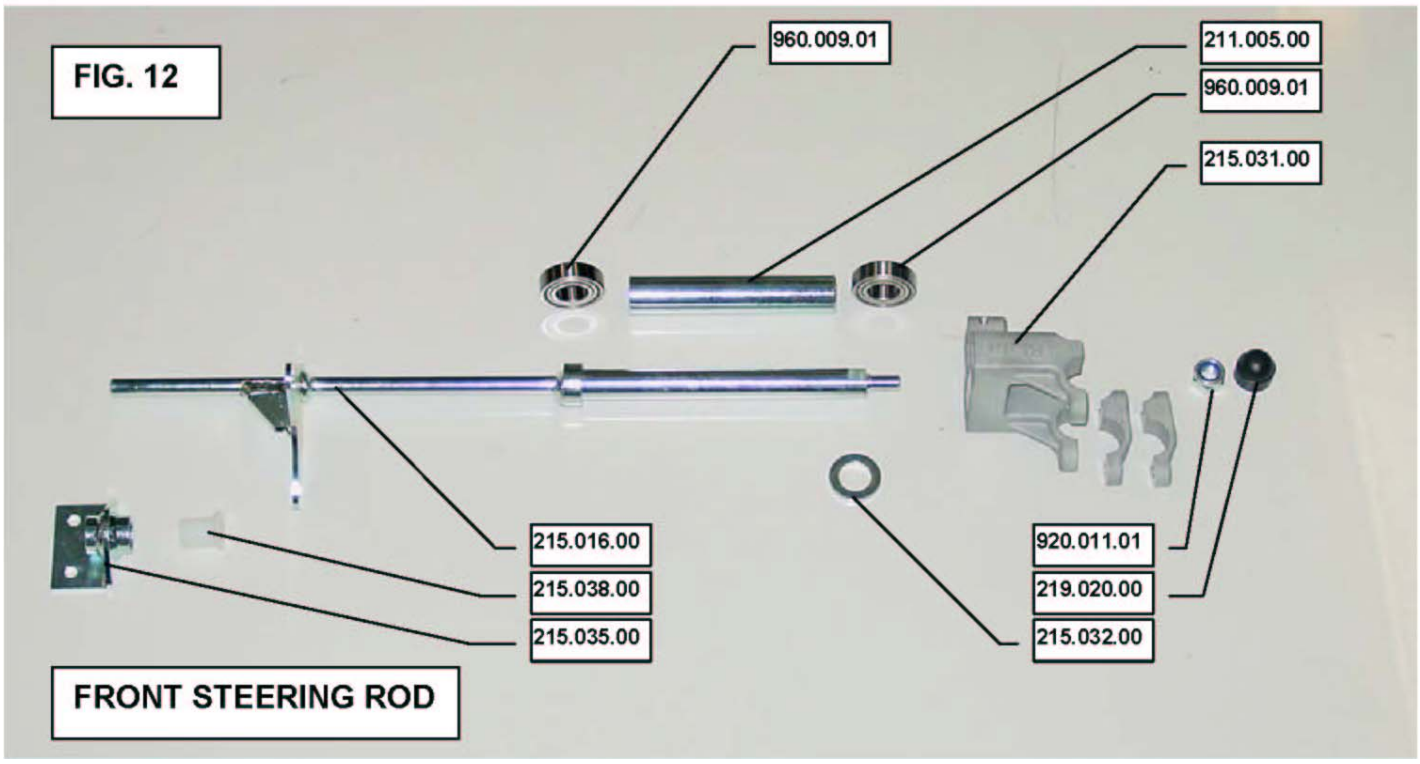
FIG. 12
960.009.01
211.005.00
960.009.01
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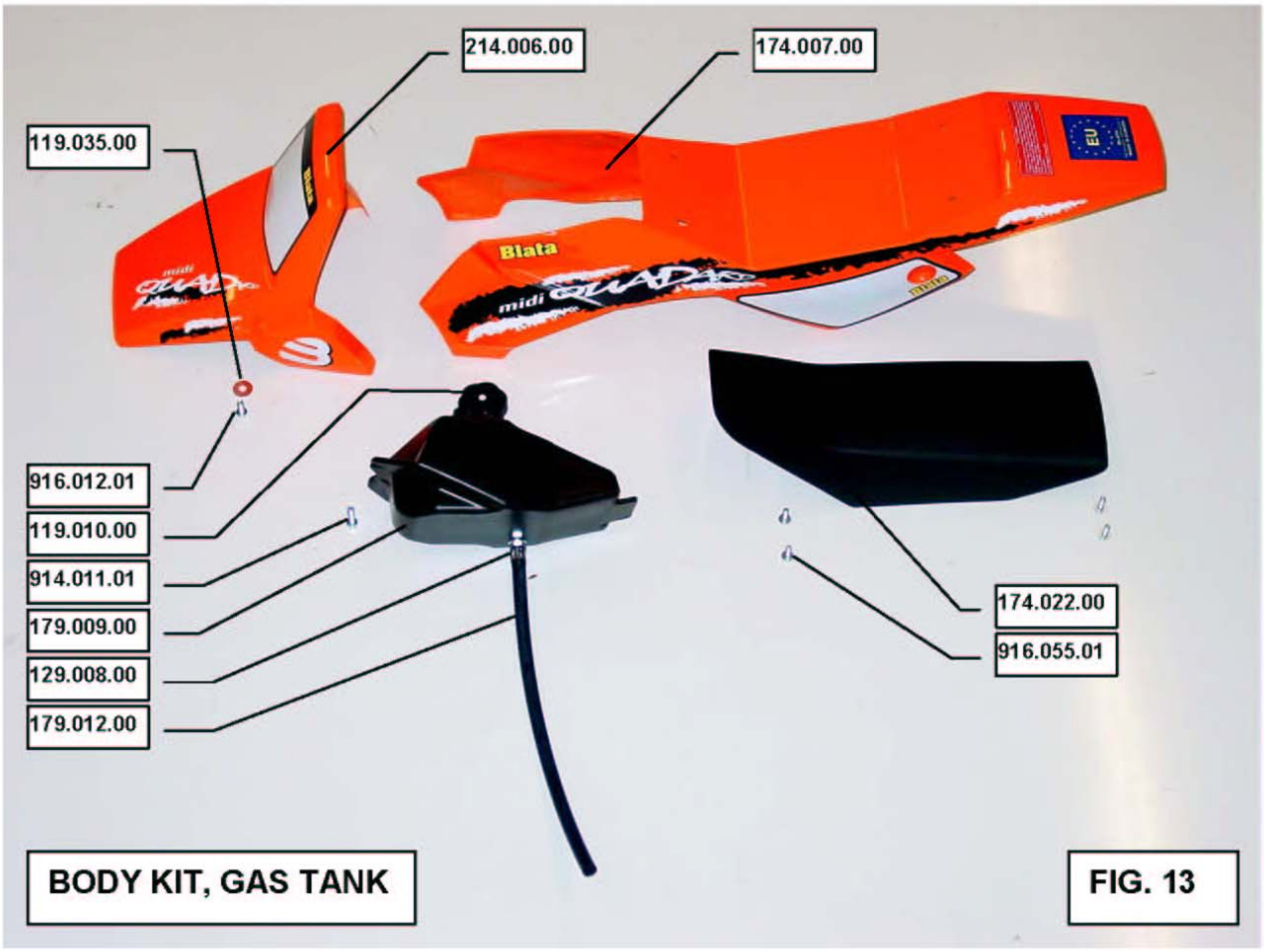
215.016.00
215.038.00
215.035.00
920.011.01
219.020.00
215.032.00
FRONT STEERING ROD


214.006.00
174.007.00
119.035.00
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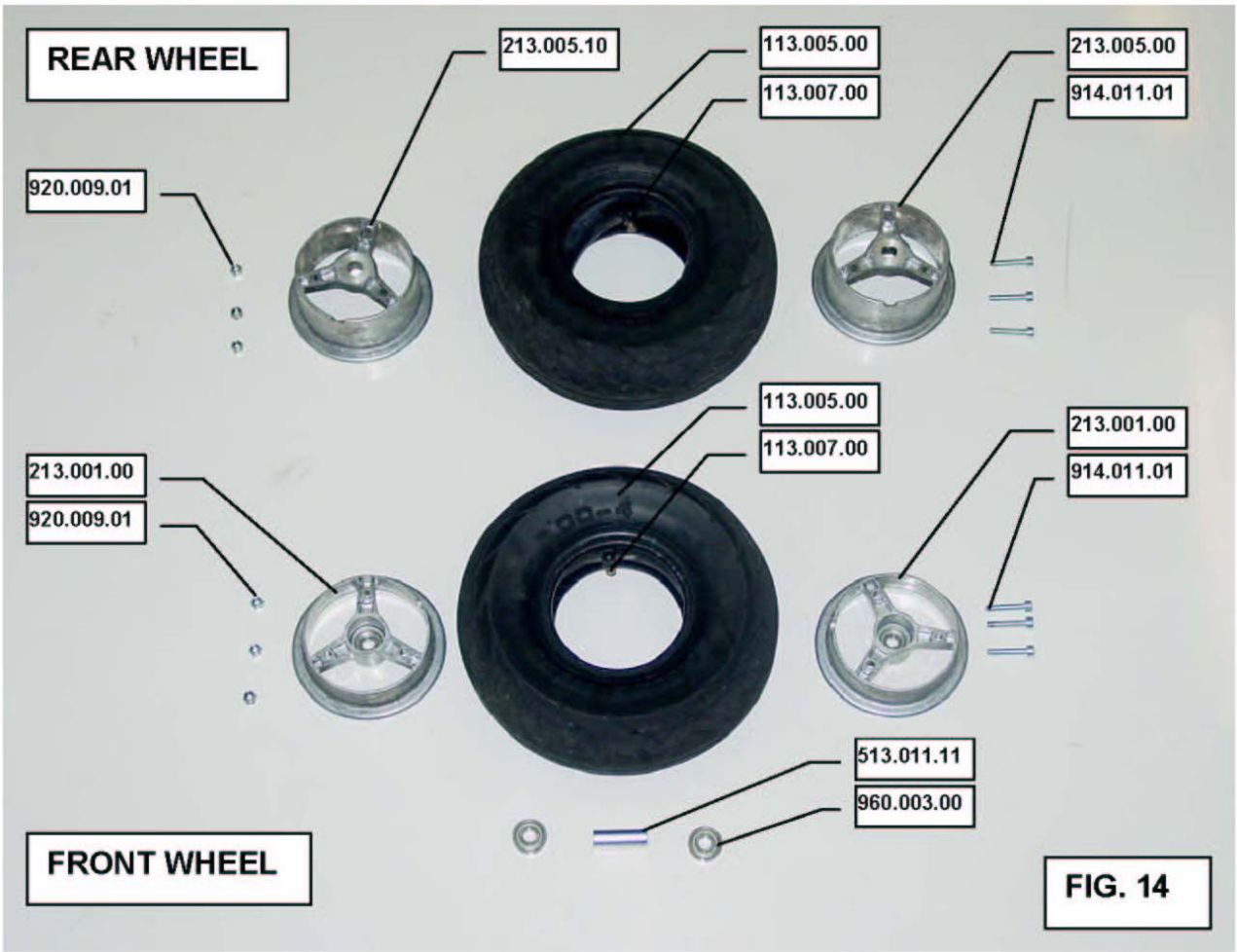
916.012.01
119.010.00
914.011.01
179.009.00
129.008.00
179.012.00
174.022.00
916.055.01
BODY KIT, GAS TANK
FIG. 13


REAR WHEEL
213.005.10
113.005.00
113.007.00
213.005.00
914.011.01
920.009.01
113.005.00
113.007.00
213.001.00
914.011.01
213.001.00
920.009.01
513.011.11
960.003.00
FRONT WHEEL
FIG. 14

MIDI - QUADARD

210.000.00 MIDI - QUADARD

ENGINE

110.001.00 ENGINE COMPLETE
110.001.01 ENGINE PROPER
110.002.00 CARBURETTER SHA 1412L
110.004.00 PISTON COMPLETE - A
110.004.01 PISTON COMPLETE - B
110.004.02 PISTON COMPLETE - C
110.004.03 PISTON COMPLETE - D
110.005.00 PISTON RING
110.006.00 PISTON - A
110.006.01 PISTON - B
110.006.02 PISTON - C
110.006.03 PISTON - D
110.008.00 WRIST - PIN
110.011.00 CRANK BALANCED
110.015.00 CLUTCH DISC
110.017.00 CLUTCH LEVER - 2 PCS
110.019.00 CLUTCH SCREW COMPLETE
110.020.00 CLUTCH SCREW
110.022.00 CLUTCH SPRING - RACING 1,4 - 2PCS
110.024.00 CLUTCH DRUM
110.028.00 CLUTCH CASE
110.031.00 CLUTCH CASE COMPLETE
110.032.00 CLUTCH COMPLETE
110.053.00 ENGINE COVERING
110.055.00 ENGINE SEALING SET
110.056.00 FLANGE
110.057.00 DIAPHRAGM SEALING - 2PCS
110.059.00 DIAPHRAGM
110.060.00 DIAPHRAGM WASHER
110.063.00 SEALING ENGINE BLOCK
110.065.00 ENGINE BLOCK
110.067.00 DIAPHRAGM COMPLETE
110.068.00 SEALING
110.069.00 CYLINDER - A
110.069.01 CYLINDER - B
110.069.02 CYLINDER - C
110.069.03 CYLINDER - D
110.070.00 CYLINDER + PISTON COMPLETE
110.072.00 EXHAUST SEALING
110.073.00 PLASTIC CONECT, FUEL COCK
110.074.00 FUEL COCK
110.076.00 EXHAUST SILENCER COMPLETE
110.077.00 SILENCER MASS
110.078.00 RING
110.080.52 JET 52
110.097.00 FLOAT CHAMBER SEALING
110.098.00 CARBURETOR SEALING 1
110.099.00 ADJUSTING SCREW
110.100.00 THROTTLE VALVE
110.101.00 CARBURETOR FILTER
110.102.00 NEEDLE VALVE
110.103.00 FLOAT
110.104.00 CARBURETOR SEALING 2
110.105.00 THROTTLE VALVE SEALING
110.185.00 JET SET
110.216.00 EXHAUST COMPLETE

510.002.00 STARTER COMPLETE
510.003.00 STARTER ROPE
510.004.00 HOLDER
510.005.00 HOLDER
510.006.00 GUIDE BUSH
510.007.00 STARTER CASE
510.008.00 STARTER SPRING
510.009.00 RATCHET WHEEL
510.011.00 WASHER 4,5 x 16 x 1,5
510.015.00 WASHER 8,1 x 16 x 1
510.017.00 WASHER 6,1 x 16 x 1,5
510.020.00 PINION 6

FRAME

211.001.01 FRAME, VARNISHED
211.005.00 DISTANCE SLEEVE, 111 mm
211.030.00 FRONT AXLE
211.040.00 PROTECTIVE BEND
211.048.00 BUMPER
211.058.00 ECCENTRIC HOLDER - REAR
211.066.00 ECCENTRIC , LEFT
211.067.00 ECCENTRIC , RIGHT
211.082.01 FOOTBOARD PLASTIC, LEFT
211.083.01 FOOTBOARD PLASTIC, RIGHT

BRAKES

112.004.00 LIFTER, RIGHT
112.026.20 REAR BRAKE DISC 3,0 x 119
112.060.00 BRAKE COMPLETE
212.001.00 REAR BRAKE HOLDER
212.002.00 SUPPORTING SLEEVE
212.007.00 BOWDEN CABLE - REAR BRAKE
312.017.00 LIFTER LEVER
312.029.00 SPRING, LEFT
312.035.00 WASHER 6,1 x 14 x 3
332.020.00 NUT
512.005.00 HANDLE BAR LEVER, LEFT
512.016.50 TERM. CLAMP BOWDEN
512.019.01 WASHER
512.042.00 DISTANCE SLEEVE
512.043.00 BRAKE PIN
512.044.00 LIFTER PIN
512.045.00 BOWDEN HOLDER
512.054.00 DISC BRAKE PADS - 2PCS
512.058.00 REAR BRAKE CASE - 1 PAIR

WHEELS

113.005.00 TIRE WITH PATTERN 3,00 - 4"
113.007.00 TUBE 3,00 - 4"
213.001.00 DISC 2,0 - 4"
213.003.00 WHEEL COMP. 2,0 - 4" WITHOUT TIRE
213.004.00 WHEEL COMP. 3,8 - 4" WITHOUT TIRE
213.005.00 DISC 3,8 - 4"
213.005.10 DISC 3,8 - 4"
213.021.02 DISTANCE SLEEVE
213.022.00 REAR AXLE SHAFT
213.025.00 SHAFT HUB
513.011.11 DISTANCE SLEEVE 40,3 mm
513.011.12 DISTANCE SLEEVE 46,3 mm

LINING

174.004.00 SEAT - TAIL ASSY, UNPAINTED
174.007.00 SEAT - TAIL ASSY, PAINTED
174.022.00 SADDLE
214.001.00 BODY KIT COMPLETE, UNPAINTED
214.002.00 BODY KIT COMPLETE, PAINTED
214.003.00 FRONT FAIRING, UNPAINTED
214.006.00 FRONT FAIRING, PAINTED
214.012.01 REAR FENDER
214.015.01 CHAIN COVER
514.008.01 RUBBER WASHER 4 x 6,5 x 23,5

CONTROL

175.005.00 HANDLE BAR TUBE
175.025.00 HANDLEBAR BRACKET COVERING
175.026.00 PAD OF COVERING
215.013.00 WHEEL SUSPENSION - R
215.014.00 WHEEL SUSPENSION - L
215.016.00 FRONT STEERING ROD
215.029.00 STEERING TIE ROD
215.030.00 TIE BAR
215.031.00 HANDLEBAR HOLDER
215.032.00 HANDLEBAR WASHER
215.033.00 TIE BAR WASHER
215.035.00 STEERING SEAT ANGLE
215.038.00 TIE BAR BUSH
215.040.00 STEERING SEAT ANGLE COMPLETE
215.045.01 GAS BOWDEN CABLE
515.002.00 HAND GRIPS - 2 PCS
215.006.00 THROTTLE GAS
515.007.00 BOWDEN DUST GUARD
515.008.00 ADJUSTING SCREW

TRANSMISSION

217.010.74 SPROCKET NO. TEETH 74
517.001.66 CHAIN 166

EL. INSTALLATION

118.001.00 SPARK COIL
118.002.00 ROTOR COMPLETE
118.003.00 SPARK PLUG
118.005.00 SPARK PLUG CONNECTOR
118.010.00 ZIP TIES 3,6 x 140
518.001.00 KILL SWITCH

OTHER PARTS

119.003.00 DISTANCE SLEEVE 25,8
119.005.00 CHAIN ROLLER
119.006.00 HOLDER ENGINE
119.010.00 SCREW CAP
119.011.00 RUBBER FOR FRAME
119.035.00 WASHER 6,4 x 18 x 1
129.008.00 HOSE CLAMP
129.017.00 WASHER 6,4 x 16 x 1
179.008.00 TANK WITH CAP
179.009.00 TANK
179.012.00 DELIVERY HOSE
219.002.00 LABEL COMPLETE, ONE MODEL
219.020.00 NUT COVER
319.050.00 PINION KEY

JOINING ELEMENTS

912.006.02 SCREW M 5 x 16
914.001.01 SCREW M 5 x 16
914.003.01 SCREW M 5 x 20
914.003.02 SCREW M 5 x 20
914.004.01 SCREW M 5 x 25
914.005.01 SCREW M 5 x 30
914.007.01 SCREW M 6 x 16
914.008.01 SCREW M 6 x 20
914.010.01 SCREW M 6 x 25
914.011.01 SCREW M 6 x 30
914.012.01 SCREW M 6 x 40
914.021.01 SCREW M 6 x 12
914.035.01 SCREW M 6 x 35
914.049.01 SCREW M 10 x 90
914.050.01 SCREW M 10 x 50
914.600.01 SCREW M 8 x 30
915.001.01 SCREW M 4 x 8
915.004.01 SCREW M 4 x 10
915.050.01 SCREW 4,8 x 9,5
916.004.02 SCREW M 5 x 6
916.005.01 SCREW M 6 x 16
916.007.02 SCREW M 5 x 12
916.012.01 SCREW M 6 x 12
916.020.01 SCREW M 6 x 40
916.049.01 SCREW M 5 x 6
916.055.01 SCREW M 5 x 16
916.072.02 SCREW M 5 x 20
920.007.01 NUT M 8
920.008.01 NUT M 5 SELFLOCKING
920.009.01 NUT M 6 SELFLOCKING
920.010.01 NUT M 8 SELFLOCKING
920.011.01 NUT M 10 SELFLOCKING
920.012.01 NUT M 8 LEFT
920.015.01 NUT M 6
920.110.01 NUT M 6 - NO 3201 A
930.001.01 WASHER 5,4
930.002.01 WASHER 6,4
930.003.01 WASHER 10,5
930.008.00 WASHER 5,4
930.009.00 WASHER 6,4
930.010.00 WASHER 8,4
940.006.00 ROLLER 6 x 6
950.003.00 WOODRUFF KEY 3e7 x 3,7
950.005.00 WOODRUFF KEY 2e7 x 3,7
950.007.00 LOCK 15
950.008.00 LOCK 35
950.010.00 PISTON PIN LOCK RING
950.016.00 SPLIT PIN 3,2 x 32
960.003.00 BEARING 6000 ZR
960.006.00 BEARING 6202 C3
960.007.00 BEARING 6202 2ZR
960.009.00 BEARING 6003 Z
960.108.00 CONNECTING ROD BEARING
970.001.00 PACKUNG RING 12 x 22 x 7
970.002.00 PACKUNG RING 15 x 26 x 7

971.055.00 O - RING 9 x 1,8
973.050.00 CIRCULAR MOUNT
974.050.00 PILLOBALL ROD END M8

TORQUE SETTINGS

(1 FT-LB = 1.3558 Nm)

PART NAME	QTY	TORQUE SETTING (Nm)	SECURED BY
ENGINE			
Cylinder – Bolts M6	4	**10**	
Flange – M5	4	**5**	
Starter case – 4	3	**3**	
Ratchet wheel –bolt M4	1	**3**	Loctite 243
Magneto (rotor) – nut M8	1	**22**	
Starter prowls – bolts M5	2	**5,5**	Loctite 243
Ignition coil – boltsM5	2	**5.5**	
Ignition coil holder – bolt M4	2	**3**	
Engine block – M6	5	**15**	
Clutch disc – nut M8	1	**22**	Loctite 243
Clutch case – bolts M6	4	**10**	
Reeds - bolts M3	2	**0,8**	Loctite 243
Float chamber – bolts M4	2	**2**	
Slider cover (carburetor) – bolts M4	2	**2**	
Pinion - M8	1	**22**	Loctite 243
FRAME			
Front wheel axle - nut M10	1	**35**	Self - locking
Front steering rod – M10	1	**20**	Self - locking
Handlebar holder – M6	4	**10**	
Engine holder – M6	3	**10**	
Rear wheel axle – nut M10	1	**35**	Self - locking
Rear brake rotor – M5	3	**20.5**	Loctite 243
Sprocket – M5	3	**20.5**	
Footboard plastic	4	**1.5**	
Chain guard –M6	2	**9**	
Wheel suspension – nut M 10	2	**40**	Self - locking
Steering tie rod – nut M 8	4	**25**	Self - locking
Front axle – nut M6	4	**10**	Self - locking
Disc – wheel M6	3	**10**	Self - locking
Exhaust – bolts M6	2	**10**	
Body and seat – tail assy M6	6	**6**	
Rear brake holder M6	1	**10**	
Handlebar lever – M5	1	**7,5**	
Throttle clip (handlebar) – M5	2	**5**	
Brake mount –M5	2	**13**	Loctite 243

It is a great honour for us that you have chosen our product. Our wish is that Quadard gives you years of trouble-free enjoyment.

BLATA Company - the manufacturer of your Quadard.

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Serial Number : **CZ** .....

Signature of the technical control: .....

This manual serves also as a **CERTIFICATE OF WARRANTY**. After receiving the product, please, check the serial number and the date of purchase. In the case of any claim, the vehicle should be returned together with this certificate of warranty and proof of purchase promptly on being found defective, at the purchasers risk and expense, to the authorized dealer from whom the vehicle was purchased or to the nearest authorized service dealer. All enquires must be through such dealers and during the period under warranty.

This warranty shall not apply to damage caused through accident, fire, misuse, neglect, incorrect adjustment or repair, to damage caused through adaptation, modifications, or use in an improper manner or inconsistent with the technical and/or safety standards.
This warranty shall not apply to tyres, inner tubes, spark plug, drive chain, sprockets, wheels, brake pads, clutch shoes or other parts of a limited natural life.

Blata company does not quarantee any compensation :

- if the serial number was changed or destroyed
- in case of use of improper fuel, oil, or use of other than original spare parts
- when the vehicle is being used for racing, competitions, promotional purposes, and/or in vehicle rental shops
- if the claim is not made during the period under warranty

Rights of a purchaser governed by special legislation relating to the purchase of goods are not violated by granting the warranty.

Date of purchase: ……

Stamp and signature of the dealer:

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